UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27572

7590

04/14/2005

HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 828 BLOOMFIELD HILLS, MI 48303 EXAMINER
KOSLOW, CAROL M

PAPER NUMBER

ART UNIT

DATE MAILED: 04/14/2005

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
,	10/620.923	07/16/2003	Tatsuhiko Nonovama	4041K-000141	8936

TITLE OF INVENTION: PIEZOELECTRIC CERAMIC COMPOSITION AND METHOD OF PRODUCTION OF SAME, PIEZOELECTRIC ELEMENT, AND DIELECTRIC ELEMENT

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/14/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

appropriate. All further co	rrespondence including the libelow or directed otherwise	Patent, advance order	s and notificat	ion of maintenance fees	will be mailed to the current s; and/or (b) indicating a sep	correspondence address as	
	CE ADDRESS (Note: Use Block 1 for 7590 04/14/2005	any change of address)		Note: A certificate of Fee(s) Transmittal, T papers. Each addition have its own certification.	f mailing can only be used f his certificate cannot be used all paper, such as an assignm te of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must	
	KEY & PIERCE, P.I	C		I hereby certify that States Postal Service addressed to the Ma	ertificate of Mailing or Transitis Fee(s) Transmittal is bein with sufficient postage for finial Stop ISSUE FEE address PTO (703) 746-4000, on the	smission g deposited with the United states mail in an envelope above, or being facsimile	
						(Depositor's name)	
						(Signatore)	
•				,		(Date)	
APPLICATION NO.	FILING DATE	FIR	ST NAMED IN	VENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/620,923	07/16/2003	1	Tatsuhiko Non	oyama	4041K-000141	8936	
DIELECTRIC ELEMENT	·		N AND ME		ON OF SAME, PIEZOELE		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$300	\$1700	07/14/2005	
EXA	MINER	ART UNIT		CLASS-SUBCLASS			
KOSLOW	, CAROL M	1755		252-06290R		•	
"Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use DRESIDENCE DATA TO B	Correspondence ation form e of a Customer P PRINTED ON THE	or agents OR, and a control of the name of the registered attored a control of the registered particles of the registered of the register of t	f a single firm (having as mey or agent) and the na- tent attorneys or agents. I will be printed.	a member a 2 mes of up to i' no name is 3	·	
PLEASE NOTE: Unles recordation as set forth i (A) NAME OF ASSIGN	-			on the patent. If an assigning an assignment. CITY and STATE OR CO	nce is identified below, the control of the control	locument has been filed for	
Please check the appropriat	e assignce category or catego	ries (will not be printe	ed on the paten	t): 🔲 Individual 🔲 (Corporation or other private gr	roup entity Government	
4a. The following fee(s) are	enclosed:		th. Payment of Fee(s): A check in the amount of the fee(s) is enclosed.				
	small entity discount permitte		Payment by credit card. Form PTO-2038 is attached.				
	of Copies		The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number				
	s (from status indicated above	•)	· .		ALL ENTITY status. See 37 C	- ``	
				<u> </u>	sly paid issue fee to the applic gistered attorney or agent; or t		
Authorized Signature				Date			
Typed or printed name							
This collection of informati an application. Confidentia submitting the completed a this form and/or suggestion Box 1450, Alexandria, Virg Alexandria, Virginia 22313	on is required by 37 CFR 1.3 lity is governed by 35 U.S.C. pplication form to the USPT is for reducing this burden, stginia 22313-1450. DO NOT -1450	11. The information is 122 and 37 CFR 1.1- O. Time will vary de sould be sent to the C SEND FEES OR COL	s required to obtain the second of the secon	otain or retain a benefit by on is estimated to take 12 the individual case. Any on officer, U.S. Patent an RMS TO THIS ADDRES	the public which is to file (an minutes to complete, includi- comments on the amount of tid Trademark Office, U.S. Dep SS, SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and ime you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Fatent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria. Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/620.923	07/16/2003		Tatsuhiko Nonoyama	4041K-000141	8936	
27572	7590	04/14/2005		EXAMINER		
HARNESS, D	ICKEY &	& PIERCE, P.L	KOSLOW, CAROL M			
P.O. BOX 828						
BLOOMFIELD	HILLS, N	Al 48303		ART UNIT	PAPER NUMBER	
				1755		

DATE MAILED: 04/14/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.